

Abstract of the Disclosure

A microorganism which has a gene encoding an enzyme in which feedback inhibition is desensitized by substitution of one or two amino acids in PRPP amidotransferase encoded
5 by *purF* of *Escherichia coli*, a gene encoding a protein which is an inactivated repressor of purine nucleotide biosynthesis encoded by *purR*, a gene encoding an enzyme which is inactivated purine nucleoside phosphorylase encoded by *deoD*, a gene encoding an enzyme which is inactivated succinyl-
10 AMP synthase encoded by *purA*, a gene encoding an enzyme which is inactivated 6-phosphogluconate dehydrase encoded by *edd*, a gene encoding an enzyme which is inactivated phosphoglucose isomerase encoded by *pgi* and like is bred and a purine nucleoside is produced by culturing the microorganism.

094627e 01400